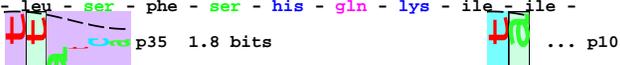


piece 1, NC\_000913, thrW\_ykfi+, config: linear, direction: +, begin: 262141, end: 262571

5' <sup>\*</sup> t c g t a g g t t c g a c t c c t a t t a t c g g c a c c a t t a a a a t t c a a a t t g t t a c g t a a g a t c t t a t c a t t c t c c a c c a a a a a t t a 3'

- ser - arg - arg - phe - asp - ser - tyr - tyr - arg - his - his - lys - ile - lys - leu - leu - arg - lys - ile - leu - ser - phe - ser - his - gln - lys - ile - ile -

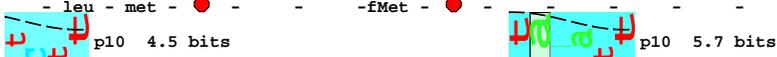
- val - gly - ser - thr - pro - ile - ile - gly - thr - ile - lys - ile - lys - leu - leu - arg - lys - ile - leu - ser - phe - ser - his - gln - lys - ile - ile -



----- p35-(23)-p10 262221 Gap 1.4 bits  
 ----- p35-p10 262221 total 4.8 bits

5' <sup>\*</sup> t c t t a a t g t a a c a g c t g g t g t a a g t a a a t t c t a t c a a c g a a g a t c a a t c t t a t c t a c t g a c c a a a a a g g c c t g a t a g g g c t 3'

... leu - met - - - -fMet - - - -

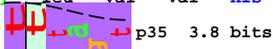


----- p35-(22)-p10 262247 Gap 2.3 bits  
 ----- p35-p10 262247 total 4.3 bits

5' <sup>\*</sup> t c g c t c a c t a t a c a t c c t t g g c t g c a a g g t t t a g t t g t a c a c c a c t c c t a a a t t t a a t g t g t t g g c a a t g t g t t c a a t a a a g 3'

-fMet - tyr - thr - thr - pro - lys - phe - asn - val - leu - ala - met - cys - ser - ile - lys - -

-fMet - ala - ala - gly - leu - val - val - his - his - ser - - -fMet - cys - trp - gln - cys - val - gln - - -fMet - phe - asn - lys - ala - -



----- sd-(9)-ir 262369 Gap 2.3 bits  
 ----- sd-ir 262369 thrW\_ykfi+ total 7.2 bits  
 ----- sd-(11)-ir 262371 Gap 3.0 bits  
 ----- sd-ir 262371 thrW\_ykfi+ total 5.4 bits



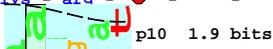
----- p35-(23)-p10 262355 Gap 1.4 bits  
 ----- p35-p10 262355 total 6.9 bits

5' <sup>\*</sup> c t c g a a c a a a t t a g c t c a t t a t g a t c g g t t a a t a c t t c a a c t t c t g g t t g c a t g a t t g t t t g t t g t c g t a a a a g a t a a c g c g 3'

- leu - glu - gln - ile - ser - ser - leu - - -fMet - ile - val - cys - pro - -

- arg - thr - asn - - -fMet - ile - gly - - -fMet - his - asp - cys - leu - ser - val - lys - arg - -

[###] orf 9 codons [###] orf 13 codons



... ir thrW\_ykfi+

----- p35-(22)-p10 262454 Gap 2.3 bits

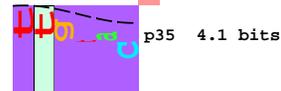
----- p35-p10 262454 total 5.7 bits

5' <sup>\*</sup> c c t g c c g g g t a g t a g c a g g c g c a t t a c g g c a a t a g g t a a a c a a g g g a g g a a g t t c a g a a a t g t a a a t c g g g a a g g t t g t a c g 3'

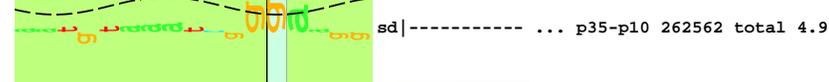
- leu - pro - gly - ser - ser - arg - arg - ile - thr - gln - - -fMet - - -fMet - tyr - ala - -



###> orf 2 codons



sd-(11)-ir 262523 Gap 3.0 bits { ... p35-(22)-p10 262562 Gap  
 sd-ir 262523 thrW\_ykFI+ total 8.8 bits

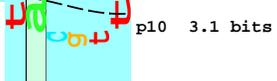


sd-(14)-ir 262548 Gap  
 sd-ir 262548 thrW\_ykFI+ t

\*262550 \* \*262560 \* \*262570  
 5' caaatggttcattcgtactacgttgttacc 3'



... NC\_000913.ykFI  
 p35-(22)-p10 262562 Gap 2.3 bits



p35-p10 262562 total 4.9 bits  
 sd-(14)-ir 262548 Gap 4.9 bits  
 sd-ir 262548 thrW\_ykFI+ total 7.4 bits